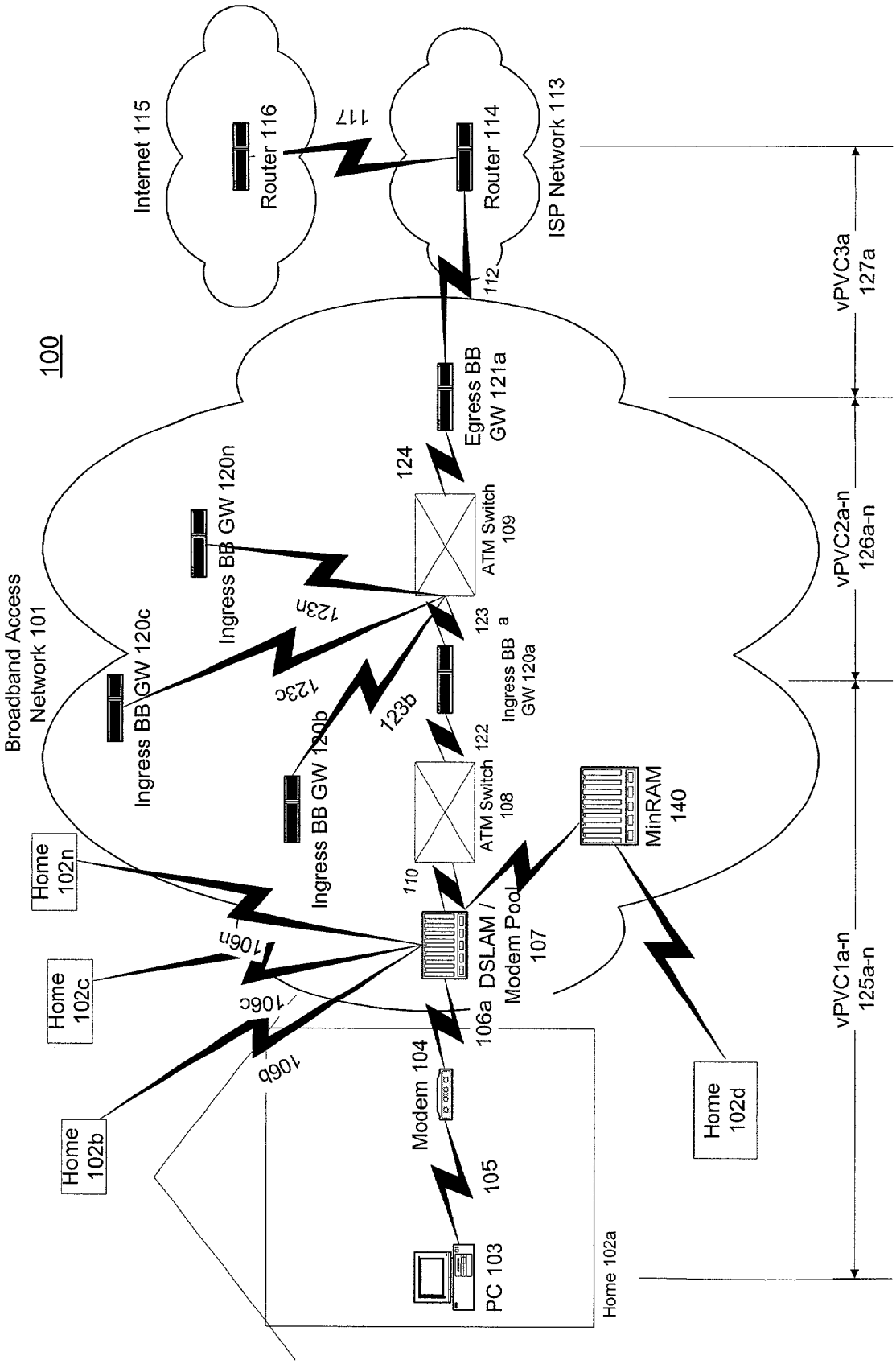
100
Internet 115
Router 116
117
Router 114
ISP Network 113
112
Broadband Access Network 101
Egress BB GW 121a
124
ATM Switch 109
Ingress BB GW 120n
123n
Ingress BB GW 120c
123c
Ingress BB GW 120b
123b
123a
Ingress BB GW 120a
122
ATM Switch 108
110
MinRAM 140
DSLAM / Modem Pool 107
106a
106n
106c
106b
Home 102n
Home 102c
Home 102b
Home 102d
Modem 104
105
PC 103
Home 102a
vPVC3a 127a
vPVC2a-n 126a-n
vPVC1a-n 125a-n

Fig. 1

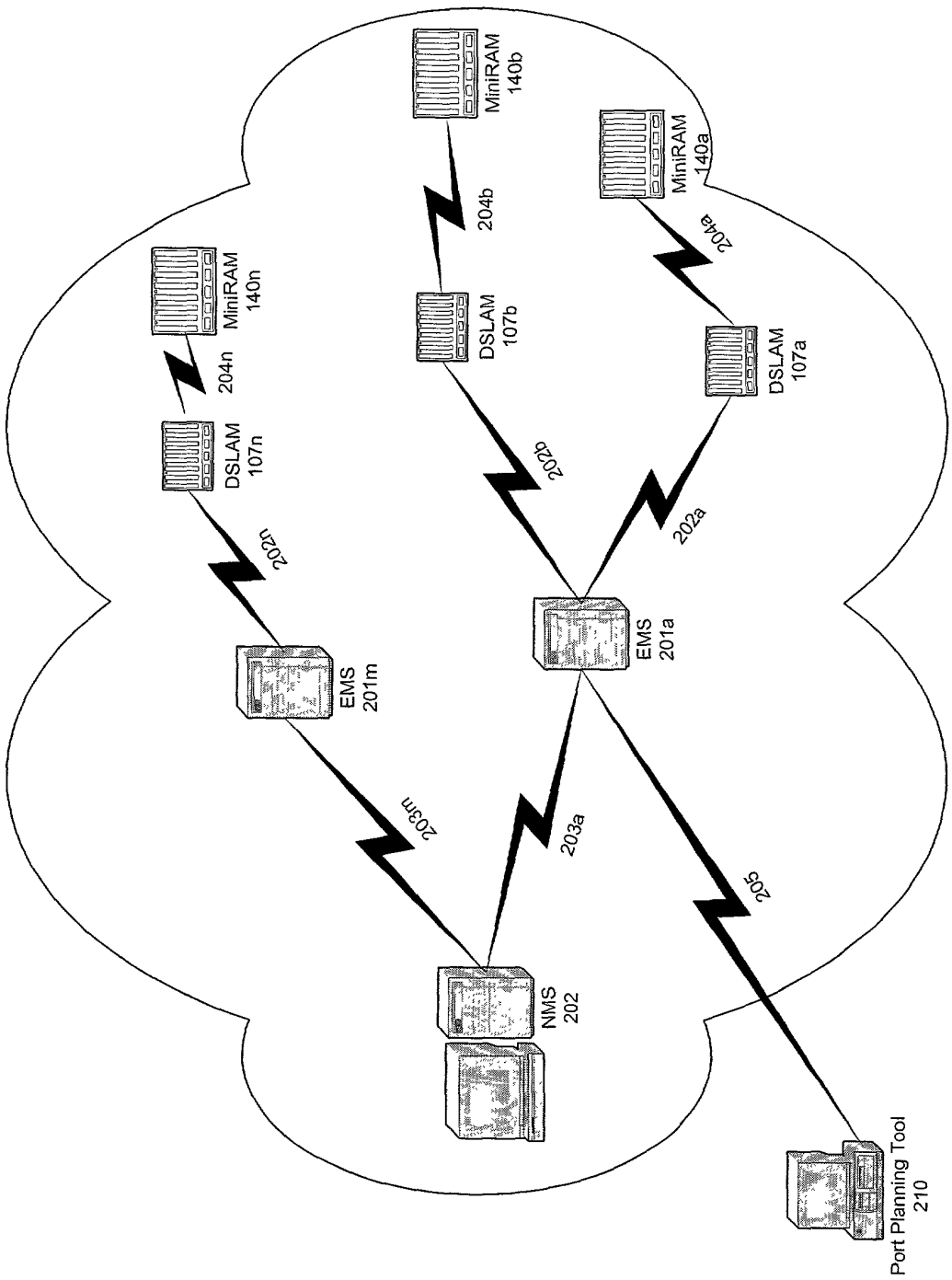
200
MiniRAM 140n
204n
DSLAM 107n
202n
EMS 201m
203m
MiniRAM 140b
204b
DSLAM 107b
202b
MiniRAM 140a
204a
DSLAM 107a
202a
EMS 201a
203a
NMS 202
205
Port Planning Tool 210

Fig. 2

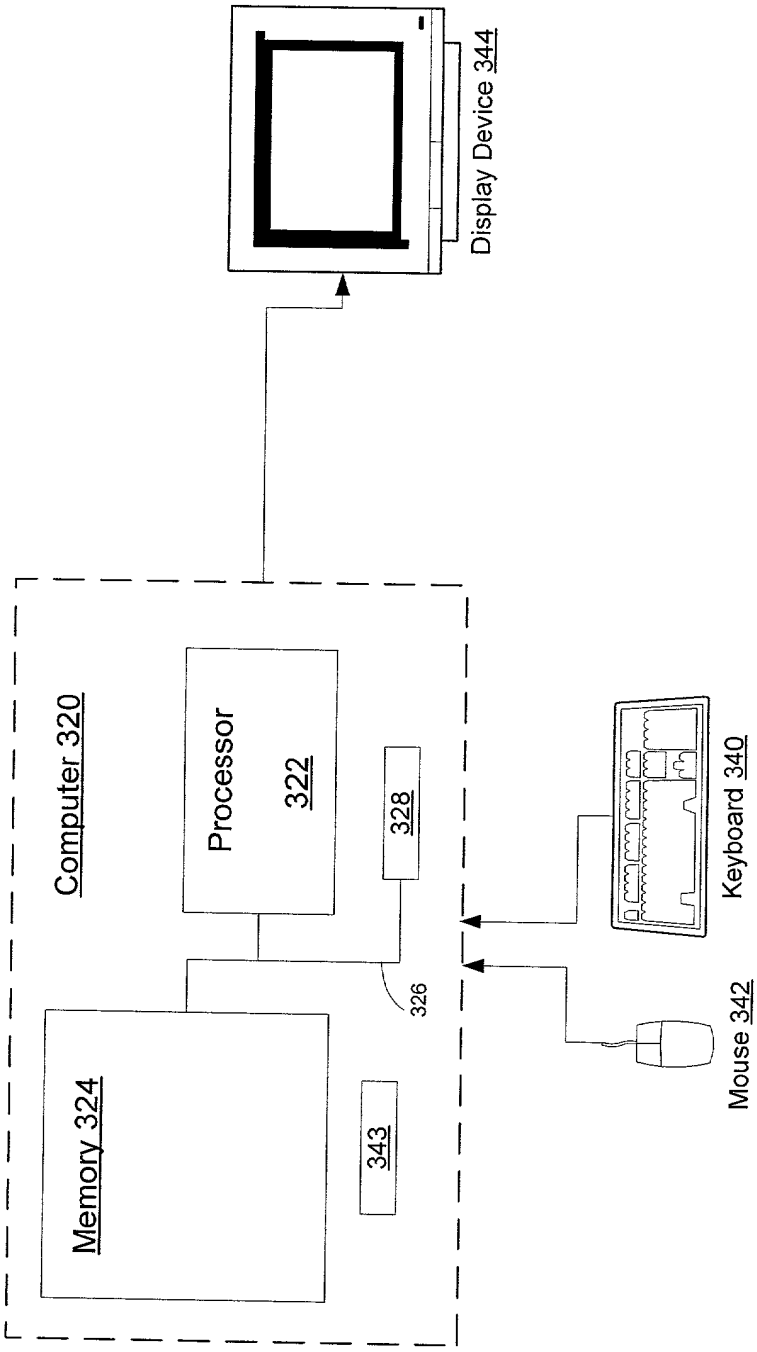
Display Device 344
Computer 320
Processor 322
328
326
Memory 324
343
Keyboard 340
Mouse 342

Fig. 3

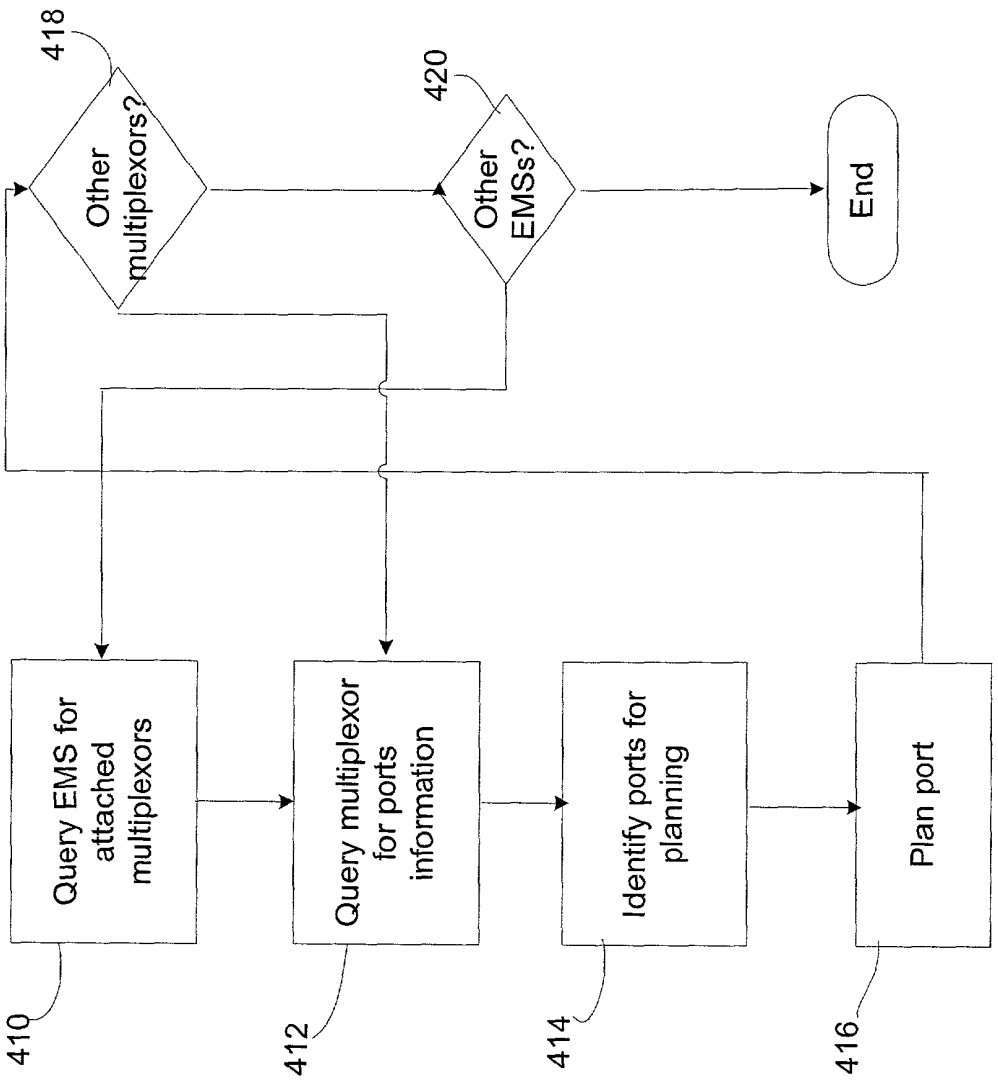
418
Other multiplexors?
420
Other EMSs?
End
Query EMS for attached multiplexors
Query multiplexor for ports information
Identify ports for planning
Plan port
410
412
414
416

Fig. 4